

DATA PROCESSING METHOD ON PROCESSOR AND DATA PROCESSING SYSTEM

Patent number: JP2002351850
Publication date: 2002-12-06
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Classification:
- **International:** G06F15/167; G06F9/54; G06F12/14; G06F15/16; G06F15/177
- **European:** H04L29/06G
Application number: JP20020079357 20020320
Priority number(s): US20010815554 20010322

Also published as:

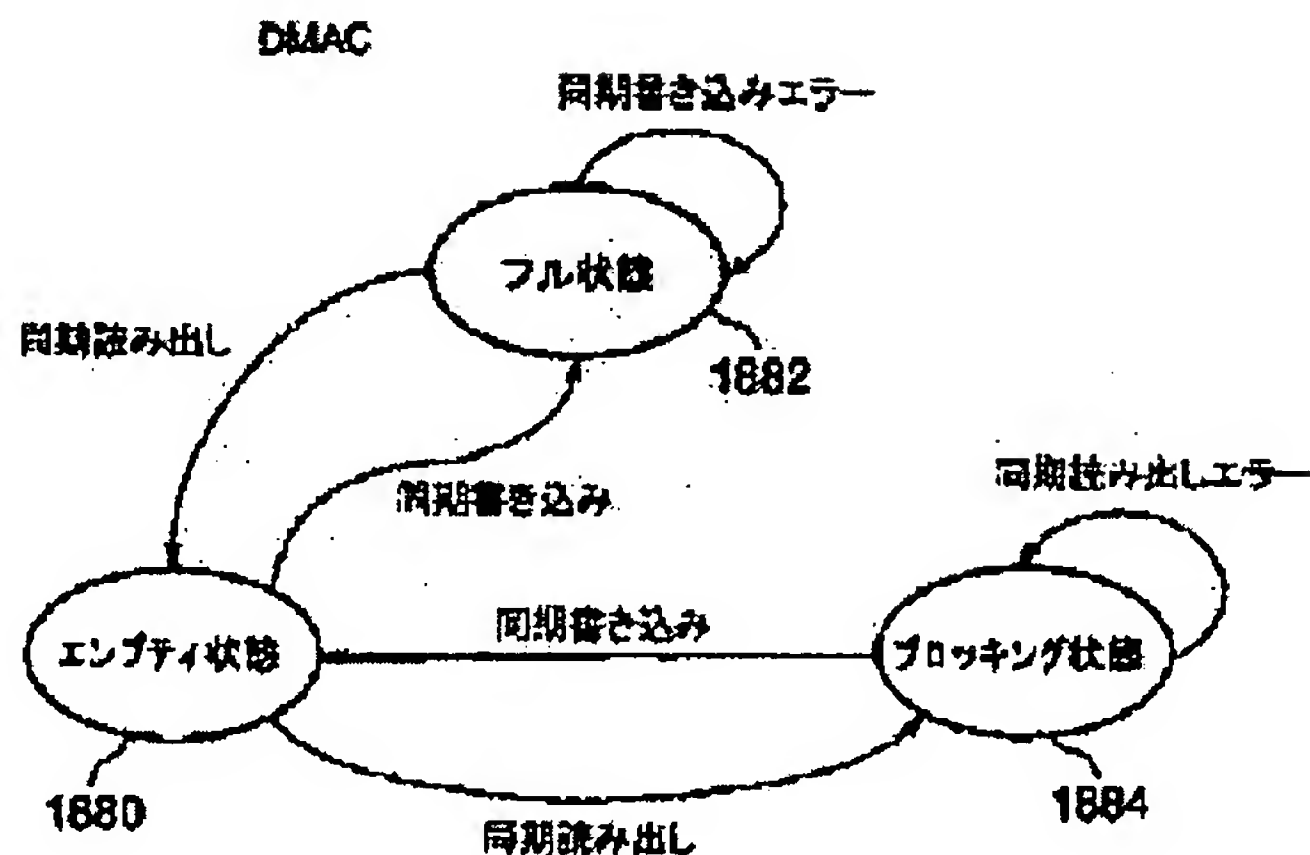
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Abstract of JP2002351850

PROBLEM TO BE SOLVED: To provide computer architecture and a programming model for high speed processing via a broadband network. **SOLUTION:** The above-mentioned architecture uses uniform modular structure, a common computing module and a uniform software cell. A control device, plural of processing units, plural of local memory units as a base on which the processing unit executes a program, a direct memory access, a controller and shared main memory are included in a common computing module. A synchronization system and a method to perform adjusted read and write of data from the shared main memory by the processing unit are provided.



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